

# SEQUENCE LISTING

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<120> COMPOSITIONS AND METHODS OF DIAGNOSING, MONITORING,  
STAGING, IMAGING AND TREATING MAMMARY GLAND CANCER

<130> DEX-0199

<140>

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<150> 60/192,277

<151> 2000-03-27

<160> 35

<170> PatentIn Ver. 2.1

<210> 1

<211> 780

<212> DNA

<213> Homo sapiens

<400> 1

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caaatgtagt tcataatagc ataatagcaa cttcactaaa tcttagaata aaaaatgaat 180
aaaatgttaa ttttttggag gaaatggtta attttttcta caaaattgtg tgacagcttt 240
acagacctta ctcttcacaa ttgacttgaa cattaacatc acaaagaggg tcctgttttac 300
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gtacttgcat tgtattgcta gatgttgact atcagttagg acaatcaaaa agatattaga 600
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ttatagggtga taaattcatt actgagcaat ttcatatcat gttttaattc tcctgggttgt 720
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<213> Homo sapiens

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 tggcagctgt cacctgtatg taatggtgac ctagcttaat cagccaacaa tgccatagga 240  
 gatggtgcag cagatacctg gaagggaatc ctaattcttt ctaatgtgca cagggattga 300  
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 caggacccaa cctcaatgaa accagcattg tgtctggtgg ctatgggggc tctggtgatg 180  
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 tactctgtgc cagctctgga accatgcttt ttggtgtctg tgtgtatata taggtcacct 180  
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agttatgcct angcccagct taagcgtaca ctaaccatag ccgtgagacc ntagtagatn 180  
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276

<210> 9

<211> 662

<212> DNA

<213> Homo sapiens

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gcttccattc acttcacgcg aatcttactg cccaacagca tcacacatta tcccctgaaa 180  
ctctccactc ttctcctcct gacctatgaa gcatcacaac actgacggca tcaaccaagc 240  
tgcgccaaac ttctccttca ggcgcgttct gcctatctaa cacgacttct aacactgacc 300  
gcatgactac ctctgctaca acgatactcg taacaaacga acgcgccctg gaccattaac 360  
ttattcacag ttctcccaac tctgaccacc tcttccctac cctctctcac acgcggaacc 420  
cctctgatac acctaaatac cgctccacgc ggcgcgcgcg taaaccact cactggccac 480  
caatcaacaa accactccta aacacttacc agcacttctt ccacgctaca cagtgtcccc 540  
aaaagataac agcccaaact ccttgcttac actgctcact actacacaca cccaccccaa 600  
caccaccaca cacaaccccc caccacaccc ctaccgccac aaacacaaca ccgccaacc 660  
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<210> 10

<211> 620

<212> DNA

<213> Homo sapiens

<220>

<221> unsure

<222> (195)

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cactgtccct cctgatacat ctccaatatt acctcttctc caacctccct gggagagtta 180  
attacctcct cctnngggt cctataacaa cttttacatc tcttgcaaga gggtacttga 240  
attacttggt tacatacatg tctatctccc aaacaagtct aaaaatggta ggcttctaaa 300  
taattatacg ttgataaat atgaatgaat gaccttttct atggaaagct aggcgctaaa 360  
ggtgatagag agataacatg cacatacgag ctctcaaggg aaatagacag acacatagat 420  
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accgaaaatc taactgcaat cttaaagattt tcacatacaa ccacttggca ttgacttaca 540  
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aaagggtggcc tgaacaggca 620

<210> 11

<211> 486

<212> DNA  
<213> Homo sapiens

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cctcgtcttt cagtgcactt ttctgaaga aataatacaa tctggaatgg gctacagaat 180
ctatccccta ggggtgagtga caggaggggg atgggtgaaa caaagtcaca tggctgtaag 240
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ggaacaccgg gccctacggg tgccccgtgt gaacatggga tacgggcccc acaacccgag 420
aaaaatagca cacacagaga gagaaagaga ccgacgcaga accgacgacg acgcagagac 480
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<210> 12

<211> 322

<212> DNA

<213> Homo sapiens

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gggtatgtgt gtgtgttttg ggaaagtaga gtggagcagg agaaagggtg ttagacaaac 180
tgtgttagag aaattgaatc tcagatgggt agtggtttat tttccacctt tactcttgct 240
tctttaagtt actactccca caggagattg gctatagact gacatgagtg agtaaagtta 300
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<211> 519

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<213> Homo sapiens

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<400> 13

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ctgctcaccg tgcggcgtgg ggcgcanctag aagggtctctt tgacactccc ttcggcctac 180
cgctcgaccg cgattctcga ctgtgcacat cttattctgc gccctgcagc gcgagctaca 240
cgcacaggtt cggtattttc catttagctc acggacagga cgcttgctgt cttgaaggct 300
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tacgcactac agcttactca anggcaacac gcataaccta accaatgaga ctcccgcaag 360  
 ctttatgccc aaaaaccctc gcgactgcgt atggccattc catggccagc gacgctctag 420  
 gcgataactc cactactgcg actgctagca cttccgtgac taatcccttg gcggcggttg 480  
 aagcatttgt cataagcttt ccgtgtgcg tgactcaaa 519

<210> 14  
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 <212> DNA  
 <213> Homo sapiens

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 agacccaaac tgagggatcg tgagaataga tctggcctat aatcagaagt gtcgagggtca 180  
 tgaacgtcaa gggaagattg aggaaccatt ccagacaaat gtaattaggc acactctcac 240  
 acaagctt 248

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 <211> 473  
 <212> DNA  
 <213> Homo sapiens

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 aatttatgct acttattttt agtgtaacat ttccctcaaat gattaaaatg aaatctaaac 180  
 tattttcatc agttttactt ccaattattc tttcttttgc tctattattt cttagagttg 240  
 tcaagggcaa attaattagc agctgtttta attaagaaga attctgattt ctccctaataa 300  
 gtgatggcag ctttataatt aatattttta cctgcctgct gacctactaa ttagaatagg 360  
 aaatggcttt tagacaggat cagttggcac tagacatcac cacgcactta cacacacatg 420  
 ctcaaataca ccttgggttg agagaacttt aggtgttagt ttatataaag ctt 473

<210> 16  
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 <212> DNA  
 <213> Homo sapiens

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 ccataaatgt atacggaaaa tttgttttta aaagaaatac ccaagtgaaa gcacaatggt 180  
 ctcaagatcc aggtcaagtt ttcttgata gaaggaataa gtttaacata aaaaccataa 240  
 gtttctatga atatatcttg ttaataaatt taatgatgtg actaattccc aagctctatg 300  
 ttacttagag aactatactt aggatactgt gtattcatcc atacaataaa gtttttttac 360  
 ccaacgaaaa aaaaaaaaaa aaaaaaaaaa gctg 394

<210> 17  
 <211> 391  
 <212> DNA  
 <213> Homo sapiens

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 aaaatagcaa gccattgcct cttcccccg cgcctgggtc tgctggcaag catgttaatt 300  
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<210> 18  
 <211> 634  
 <212> DNA  
 <213> Homo sapiens

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 ctcaaaggag accaatggta aatatctcaa atgagagcat tagagatatt ttaacctctt 180  
 acaaagaggc taaaagcaac ttgtcctatt agaagtgtat ctttaattaag tattgcttag 240  
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<210> 19  
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 <212> DNA  
 <213> Homo sapiens

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 cattataaaa atagatatta ttttattcag tttatagaat actcactgtg tttaaggcac 180  
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<210> 20  
<211> 515  
<212> DNA  
<213> Homo sapiens

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ctgaggaagc tgattaaaaa ataaaaataa aaaaccacac caagattgat ggcaatagat 180  
gtaattgaaa agaggaaaca gaactgagga atgatttttg aatttgagta ggaggagggtc 240  
attggtatatt ttagaagggt ttctgtggaa tacagaacac agaaatcatg ttacagagtg 300  
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ttttaacaat taaatgaggt ggcagtagaa aaaaaaaaaa aaaaaaaaac aaaaaaaccc 420  
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<223> Description of Artificial Sequence: Synthetic

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<210> 22  
<211> 22  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic

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<210> 23  
<211> 34  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic

<400> 23  
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34

<210> 24  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Synthetic

<400> 24  
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22

<210> 25  
<211> 20  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Synthetic

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<210> 26  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Synthetic

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<210> 28  
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<220>  
<223> Description of Artificial Sequence: Synthetic

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<210> 29  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Synthetic

<400> 29  
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<210> 30  
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<220>  
<223> Description of Artificial Sequence: Synthetic

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22

<210> 31  
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<212> DNA  
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<223> Description of Artificial Sequence: Synthetic

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<210> 32  
<211> 30  
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<210> 33  
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<223> Description of Artificial Sequence: Synthetic

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ttccaattat tctttctttt gctc